SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0039
Model :	CB-5073T	**Bulletin Date :**	Oct. 15, 1997
Buyer :	SEG, SEUK, SEAU	**ECN Date :**	

SUBJECT : CB-5072, 'P1B Chassis, Countermeasure of the 'Vertical defective' (No vertical deflectio

Background : 'Vertical defective (one line phenomenon)' on screen is occured.
(Symptom)

Cause : It is caused by shortage voltages of the discharging ground loop part when CPT's self-discharging.

Solution : In order to prevent the 'Vertical defective (one line phenomenon)' on screen, modify the circuit as follows:

-. Confirm the location no. EY23 (L401 GND point) and the location no. EL07 (IC301 GND point).

-. Connect the Jumper wire between the location no. EY23 (L401 GND) and the location no. EL07 (IC301 GND point).

Application Date : June 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
Jumper wire	-	-	Connection between 'EY23 (L401 GND)' and 'EL07 (IC301 GND)'		E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → NEW; Early (Prod.) → Late	OLD (Parts) → NEW; Early (Prod.) → Late	OLD (Parts) → NEW; Early (Prod.) → Late	OLD (Parts) → NEW; Early (Prod.) → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : June 1997 **Serial No.** (~ from)

Published by S.K. Yang **Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	**Bulletin No. :**	97-CTV-E0001
Model :	CT5038V / CT5083VB	**Bulletin Date :**	Jan. 4, 1997
Buyer :	SEA, SECA, SEM, SLSC, SMC, G/Supply, Samtronics, Electro Vox		

Subject : **CT-5038V, Regulator IC change - TDA8139 ¡æ KA7631**

Background : (Symptom) Regulator IC for K1 & KCT11A chassis has been changed to home produced part (made in Korea).

Cause : Samsung Semi-conductor Co. has developped the 'Regulator IC'.

Solution : IC KA7631 has applied to K1 & KCT11A chassis alternated with IC TDA8139.

Application Date : Jun. 12, 1996

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC802	AA96-50121A	IC TDA8139	AA96-50262B	Ass'y Power H/S KA7631	D
R814	2001-001135	R-C. 1/2T	-	-	F
R815	2001-001408	R-C. 1/2T	-	-	F
C815	2401-000223	C-E.	-	-	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Status (* I.C)	OLD (Part) → Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month Dec. 1996 **Serial No.**

Published by S. K. Yang **Checked by** **Approved by** J. G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	Bulletin No. :	97 - CTV - E0006
Model :	SCT11B Chassis	Bulletin Date :	Feb. 13, 1997
Buyer :	ANA(Romania)	ECN # & Date :	Dec. 15. 1996

SUBJECT : SCT11B, How to repair "No Power" problem

Background : (Symptom)

It is occurred "No Power" problem due to IC801 STR(SMR40200) part defect on the Power Supply board(SMPS).
When "No Power" problem occurred, the environs parts including HC801 (HIS-0169B) and DZ801(R2KN) characteristics are changed due to IC801(SMR40200) defect.

Cause :

STR(SMR40200) defect is caused by Flip-chip circuit open inner IC or MOS FET circuit's short between D-S and D-G.
STR(SMR40200) part's defect has an influence to environs parts characteristics changed including HC801(HIS-0169B) and DZ801 (Diode, R2KN) when the 'B+' voltages are raised up suddenly from 125V to 150V due to STR defect on Power Supply board.

Solution :

Whenever servicemen repair the "No Power" problem due to IC801 (SMR40200) defect, the Set should be replaced all damaged parts at the same time as follows:

Application Date :

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC801			AA96 - 50120C	STR, SMR40200	C
HC801			AA13 - 20002X	IC, HIS-0169B	C
DZ801			0403 - 000692	Diode, R2KN	C

Type	A type	B type	C type	D type	E type	F type
I/Change Status (* I.C)	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application : Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment : Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : 1996 Serial No. (~ from)

Published by : S.K Yang Checked by : J.G. Lee Approved by T.S. Kim

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	Bulletin No. :	97 - CTV - E0007
Model :	CB-3373, 5073, 5373	Bulletin Date :	Feb. 21, 1997
Buyer :	SEAU, Radiola, SESC	ECN # & Date :	Dec. 15. 1996

SUBJECT : How to repair "No Power" problem

Background : (Symptom)

It is occurred "No Power" problem due to IC801 STR(SMR40200) part defect on the Power Supply board(SMPS).
When "No Power" problem occurred, the environs parts including HC801 (HIS-0169B) and DZ801(R2KN) characteristics are changed due to IC801(SMR40200) defect.

Cause :

STR(SMR40200) defect is caused by Flip-chip circuit open inner IC or MOS FET circuit's short between D-S and D-G. (STR margin narrow)
STR(SMR40200) part's defect has an influence to environs(related) parts characteristics changed including HC801(HIS-0169B) and DZ801 (Diode, R2KN) when the 'B+' voltages are raised up suddenly from 125V to 150V due to STR defect on Power Supply board.

Solution :

Whenever servicemen repair the "No Power" problem due to IC801 (SMR40200) defect, the Set should be replaced all damaged parts at the same time as follows:

Application Date :

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC801	AA96 - 50120C	STR, SMR40200	AA13 - 20004P	STR, SMR40200C	C
HC801	AA13 - 20002X	IC, HIS-0169B	AA13 - 20004M	IC, HIS-0169C	C
DZ801	0403 - 000692	Diode, R2K	0403 - 000691	Diode, R2K	C

Type	A type	B type	C type	D type	E type	F type
I/Change Status (* I.C)	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	OLD (Part) NEW → Early (Time) Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application : Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment : Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : 1996 Serial No. (~ from)

Published by : S.K Yang Checked by : J.G. Lee Approved by T.S. Kim

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	Bulletin No. :	97 - CTV - E0008
Model :	SCT11A Chassis	Bulletin Date :	Feb. 21, 1997
Buyer :	SGSC, SASC, SAPL, SMSC, SEA, SLS	ECN # & Date :	Dec. 15. 1996

SUBJECT : How to repair "No Power" problem

Background : (Symptom)

It is occurred "No Power" problem due to IC801 STR(SMR40000) part defect on the Power Supply board(SMPS).
When "No Power" problem occurred, the environs parts including HC801 (HIS-0169B) and DZ801(R2KN) characteristics are changed due to IC801(SMR40000) defect.

Cause :

STR(SMR40000) defect is caused by Flip-chip circuit open inner IC or MOS FET circuit's short between D-S and D-G. (STR margin narrow)
STR(SMR40000) part's defect has an influence to environs(related) parts characteristics changed including HC801(HIS-0169B) and DZ801 (Diode, R2KN) when the 'B+' voltages are raised up suddenly from 125V to 150V due to STR defect on Power Supply board.

Solution :

Whenever servicemen repair the "No Power" problem due to IC801 (SMR40000) defect, the Set should be replaced all damaged parts at the same time as follows:

Application Date :

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC801	A4010 - 0066	STR, SMR40200C	AA13 - 20004L	STR, SMR40000L	C
HC801	A4010 - 0071	IC, HIS-0169B	AA13 - 20004M	IC, HIS-0169C	C
DZ801	0403 - 000692	Diode, R2KN	0403 - 000691	Diode, R2K	C

Type	A type	B type	C type	D type	E type	F type
I/Change Status (* I.C)	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application : Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment : Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : 1996 Serial No. (~ from)

Published by : S.K Yang Checked by : J.G. Lee Approved by T.S. Kim

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	Bulletin No.	: 97-CTV-E0015
Model :	CB5066Z / CS5039Z / CS5066Z	Bulletin Date	: June 9, 1997
Buyer :	TSE, SAPL, SAVINA, SGSC, ZAMA S/Marina, Al-Andalus, Eisenberg	ECN # & Date	: May 19, 1997

SUBJECT : SCT11C, Parts changes - IC201 (M5277SPA ¡æ M5277SPB)

Background : (Symptom) The location no. 'IC201' has been used 'M5277SPA' part originally. However, it is difficult to procure 'IC M5277SPA' recently.

Solution : When IC201 part on 'SCT11C' chassis has been replaced from 'M5277SPA' to 'M5277SPB', the related parts should be changed as belows:

Application Date : May 19, 1997

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
IC201	1204-001132	IC. M5277SPA	1204-001153	IC. M5277SPB	D
C241	2401-002245	C-AL. 16V 22uF	2401-000603	C-AL. 50V 1uF	D
DZ203	0403-000295	D-Zener MTZ5.1B	3812-000219	Jumper	D
DZ204	0403-000662	D-Zener MTZ3.0B	Deletion	Deletion	F
D206	0401-000005	Diode 1N4148	Deletion	Deletion	F
R204	2001-001399	1/2W 2.2K	Deletion	Deletion	F
Z101	AA95-90012W	SIF. CON	Deletion	Deletion	F
R101	3812-000219	Jumper	Deletion	Deletion	F
RK05	-	-	2001-000281	1/8W 100 ohm	E
ZK01	-	-	2903-000175	BP, 5.5 / 6.5 MHz	E

Type	A type	B type	C type	D type	E type	F type
I/Change Status (* I.C)	OLD Early (Part) (Time) NEW Late	OLD Early (Part) (Time) NEW Late	OLD Early (Part) (Time) NEW Late	OLD Early (Part) (Time) NEW Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram (Component Lay-out (Exploded View ( )
Mechanical Diagram (None ( ) Others (O)

Product Month : April '97 Serial No. (~ from)

Published by: Mr.S.G.Kim | Checked by: Mr.S.K.Yang | Approved by: Mr.J.G.Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	Bulletin No.	: 97 - CTV - E0016
Model :	CK5073 / CK5085 / CI5373 / CF5073	Bulletin Date	: June 9, 1997
Buyer :	Refer to 'Buyer list'	ECN # & Date	: May 19, 1997

SUBJECT : SCT11D, Parts changes - IC201 (M5277SPA ¡æ M5277SPB)

Background : (Symptom) The location no. 'IC201' has been used 'M5277SPA' part originally. However, it is difficult to procure 'IC M5277SPA' for service recently.

Solution : When IC201 part on 'SCT11D' chassis has been replaced from 'M5277SPA' to 'M5277SPB', the related parts should be changed as belows:

Application Date : May 19, 1997

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC201	1204-001132	IC. M5277SPA	1204-001153	IC. M5277SPB	D
DZ203	0403-000662	D-Zener MTZ3.0B	Deletion	Deletion	F
DZ204	0403-000295	D-Zener MTZ5.1B	3812-000219	Jumper	D
D205	0401-000005	Diode 1N4148	Deletion	Deletion	F
C242	2401-000934	C-AL. 25V 22uF	2401-000603	C-AL. 50V 1uF	D
ZB01	AA95-90012W	SIF, CON	2903-000175	BP, 5.5 / 6.5 MHz	D
R201	2001-000449	RD. 1/8T 2.2K	Deletion	Deletion	F

Type	A type	B type	C type	D type	E type	F type
I/Change Status (* I.C)	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	OLD (Part) → Early (Time) / NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram (Component Lay-out (Exploded View ( )
Mechanical Diagram (None ( ) Others (O)

Product Month : April '97 Serial No. (~ from)

Published by: Mr.S.G.Kim | Checked by: Mr.S.K.Yang | Approved by: Mr.J.G.Lee

¡á Buyer List (To delivery)

Bulletin No : 97-CTV-E0016

Country	Buyer	
ROMANIA	ANA	
BULGARIA	BOLI	
CHECHO	MULTI SVC	
AUSTRALIA	SEAU	
SPAIN	SECOSA	
FRANCE	SEF	
GERMANY	SEG	
HUNGARY	SEH	
ITALY	SEI	
ITARY	SEI	
U.K.	SESC	
TURKEY	SETAS	
U.K.	SEUK	
CIS	SMSC	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TVCR	**Bulletin No. :**	97-CTV-E0028
Model :	SCV11D	**Bulletin Date :**	Aug. 6, 1997
Buyer :	SEF, SEUK, SEG, SEI, AMFO, SEP etc	**ECN Date :**	Aug. 5, 1997

SUBJECT : SCV-11D, 'Chassis change from SCV11A to SCV11D, the modifications of major items

Background : (Symptom) In accordance with 'TVCR' chassis change from 'SCV11A' to 'SCV11D', the circuit and major parts' items are modified.

Cause : Chassis change from 'SCV11A' to 'SCV11D'

Solution : The modifications of major items are as belows:

Application Date : Aug. 5, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11A)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
Tuner (1)	AA40 - 10002M	TECC2989PA19C	AA40 - 10005N	TECC2979PK28A(S)	D
Tuner (2)	AA40 - 10002B	TECC2889PA19C	AA40 - 10005M	TECC2879PK28A(S)	D
FBT	AA26 - 30004E	FTK20R008C	AA26 - 30001Y	FSV20A001	D
IC-MCU	AA13 - 30011L	CXP85332A-196S	AA13 - 30015Y	CXP85332A-319S	D
IC-Video	1201 - 000539	TDA6101Q	1201 - 001159	TDA6107Q	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

¡á Distribution List and Remarks

*** Bulletin No: 97-CTV-E0028**

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEF	FRANCE	
2	SEUK	U.K.	
3	SEG	GERMANY	
4	SEI	ITALY	
5	AMFO	NETHERLAND	
6	SEP	PORTUGAL	
7	SECOSA	SPAIN	
8	SESAB	SWEDEN	
9	SGSC	U.A.E.	
10	SMSC	RUSSIA	
11	SEAU	AUSTRALIA	
12	SEPOL	POLAND	
13	SEH	HUNGARY	
14	ZAMA	SAUDIARABIA	
15	ATR	SWISS	
16	BOLI	BULGARIA	
17	BWT	CIS	
18	NSI	DENMARK	
19	EUROPATRADE	CROATIA	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TVCR	**Bulletin No. :**	97-CTV-E0029
Model :	SCV11D	**Bulletin Date :**	Aug. 6, 1997
Buyer :	SEF, SEUK, SEG, SEI, AMFO, SEP etc	**ECN Date :**	Aug. 5, 1997

SUBJECT : SCV-11D, 'Chassis change from SCV11B & C to 'SCV11D',

Background : (Symptom) In accordance with 'TVCR' Product chassis change from 'SCV11B & C' to 'SCV11D', the circuit and major parts' items are modified.

Cause : Chassis change from 'SCV11B & C' to 'SCV11D'

Solution : The modifications of major items are as belows:

Application Date : Aug. 5, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
Tuner (1)	AA40 - 10002M	TECC2989PA19C	AA40 - 10005N	TECC2979PK28A(S)	D
Tuner (2)	AA40 - 10002B	TECC2889PA19C	AA40 - 10005M	TECC2879PK28A(S)	D
IC-MCU	AA13 - 30011L	CXP85332A-196S	AA13 - 30015Y	CXP85332A-319S	D
IC-Video	1201 - 000539	TDA6101Q	1201 - 001159	TDA6107Q	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

¡á Distribution List and Remarks

*** Bulletin No: 97-CTV-E0029**

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	AMFO	NETHERLAND	
2	ATR	SWISS	
3	BOLI	BULGARIA	
4	BWT	CIS	
5	EUROPATRADE	CROATIA	
6	NSI	DENMARK	
7	SEAU	AUSTRALIA	
8	SECOSA	SPAIN	
9	SEF	FRANCE	
10	SEG	GERMANY	
11	SEH	HUNGARY	
12	SEI	ITALY	
13	SEP	PORTUGAL	
14	SEPOL	POLAND	
15	SESAB	SWEDEN	
16	SEUK	U.K.	
17	SGSC	U.A.E.	
18	SMSC	RUSSIA	
19	ZAMA	SAUDIARABIA	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0030
Model :	CS3339Z,CS3839Z,CS3866Z,CS5039Z	**Bulletin Date :**	Aug. 20, 1997
Buyer :	SAVINA	**ECN Date :**	Aug. 20, 1997

SUBJECT : CS-3339, 'SCT11C Chassis, Block Condenser changes

Background : The Block Condenser defective has been found out on SCT11C chassis in Vietnam.
(Symptom)

Cause : Electricity (Power) fluctuation in Vietnam is unstable.
The 'Block Condenser' has been designed for 400 Volts(DC).
In case that 'Peak to peak' electricity over than 400 Volts(DC) have supplied to 'Block Condenser' , the 'Block Condenser' would be damaged.

Solution : The specification of Block Condenser has been modified from 'DC 400V' to 'DC 450V' as belows:

Application Date : Aug. 20, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
C801	2401 - 002219	C-AL: 220uF 400V	2401 - 002220	C-AL: 220uF 450V	

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0031
Model :	CS5385Z	**Bulletin Date :**	Aug. 30, 1997
Buyer :	SGSC, SAPL, SGE, S. Marina	**ECN Date :**	Aug. 24, 1997
	Al Andalus, Eisenberg		

SUBJECT : CS-5385, 'SCT11C Chassis, Micom changes

Background : The Micom IC of SCT11C had been applied¡¸R2559¡¹'CC - Version'.
(Symptom) It is occurred 'OSD jittering' phenomenon slightly.

Cause : It is caused by Micom IC 'CC - Version'

Solution : Micom IC has been changed from 'CC - Version' to 'FA - Version' as belows:

Application Date : Jul. 30, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13-30011G	SZM-139M3 (R2559)	AA13-30013P	SZM-139M3 (R2842)	D
C105	2202-000109	C-C; 50V 104 (Axial)	-	Delete	F
R938	2001-000006	R-C; 1/8W 2.4K	-	Delete	F
R957	2001-000734	R-C; 1/8W 4.7K	-	Delete	F
R958	2001-000734	R-C; 1/8W 4.7K	-	Delete	F
R959	2001-000734	R-C; 1/8W 4.7K	-	Delete	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0043
Model :	CB5039 / CK5039 / TV486	**Bulletin Date :**	Oct. 25, 1997
Buyer :	ECS, ACS, SEAU, GCS, AMFO	**ECN Date :**	Oct. 24, 1997

SUBJECT : CB-5039, 'SCT11B(P1B) Chassis, Substitution for Micom IC (SZM-137PV)

Background : (Symptom) It is not available to procure the Micom IC (SZM-137PV) for SCT11B chassis, because the Micom IC (SZM-137PV) had not been manufactured by the Micom part's producer.

Cause : It is impossible to supply and demand the Micom IC (SZM-137PV).

Solution : In order to supply the Micom IC for subtitution, the circuit has been modified as attached:
(Please refer to 'Parts change information' as attached copy.)

Application Date : October 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13 - 30004J	Micom IC. SZM-137PV	AA13 - 30011F	Micom IC. SZM-137M3	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others (O)
Product Month :	October 1997	**Serial No.** (~ from)	
Published by	S.K. Yang		**Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

¡á Parts Change Information **** Bulletin No: 97-CTV-E0043***

¢ÁModel : (Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13 - 30004J	Micom IC. SZM-137PV	AA13 - 30011F	Micom IC. SZM-137M3	D
RW902	-	-	2011 - 000861	R-Network 472X3	E
Q904	-	-	0504 - 000123	TR. KSR1010	E
Q905	-	-	0504 - 000123	TR. KSR1010	E
Q906	-	-	0504 - 000123	TR. KSR1010	E
J184	30509-410-116	Jumper	-	-	F
J189	30509-410-116	Jumper	-	-	F
J186	30509-410-116	Jumper	-	-	F
J278	-	-	30509-410-116	Jumper	E
C918	2201 - 000651	CH. 68 pF	2201 - 000193	CH. 10 pF	D
C908	2201 - 000600	SL. 560 pF	2201 - 000573	CM. 47 pF	D
R944	2001 - 000563	1/8T 27K	31018-177-683	1/8T 68K	D
CU01	2401 - 001495	16V 47uF	2306 - 000122	Poly 104	D
CU02	2306 - 000122	Poly 104	2401 - 001495	16V 47 uF	D
RU01	2001 - 000734	1/8T 4.7K	2001 - 000832	1/8T 510 Ohm	D
R908	2001 - 000232	1/8T 1.3K	2001 - 000214	1/8T 1.1K	D
R909	2001 - 000605	1/8T 3.6K	2001 - 000449	1/8T 2.2K	D
R947	30509-410-116	Jumper	2701 - 000189	Coil AL02 0.47 uH	D
R937	2001 - 000290	1/8T 10K	2001 - 000734	1/8T 4.7K	D
C602	2401 - 001667	16V 68uF	2401 - 000947	16V 22 uF	D
Q905(B-E)	-	-	2202 - 000109	C-Ceramic 104 (Soldering between B&E)	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD → Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	OLD Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0044
Model :	CB5039 / CK5039 / TV486	**Bulletin Date :**	Oct. 25, 1997
Buyer :	ECS, ACS, SEAU, GCS, AMFO	**ECN Date :**	Oct. 24, 1997

SUBJECT : CB-5039, 'SCT11B(P1B) Chassis, Substitution for Micom IC (SZM-143RV)

Background : (Symptom) It is not available to procure the Micom IC (SZM-143RV) for SCT11B chassis, because the Micom IC (SZM-143RV) had not been manufactured . by the Micom part's producer

Cause : It is impossible to supply and demand the Micom IC (SZM-143RV).

Solution : In order to supply the Micom IC for subtitution, the circuit has been modified as attached:
(Please refer to 'Parts change information' as attached copy.)

Application Date : October 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC901	AA13 - 30004H	Micom IC. SZM-143RV	AA13 - 30011F	Micom IC. SZM-137M3	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others (O)
Product Month :	October 1997	**Serial No.** (~ from)	
Published by	S.K. Yang		**Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

¡á Parts Change Information **** Bulletin No: 97-CTV-E0044***

¢ÁModel : (Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13 - 30004H	Micom IC. SZM-143RV	AA13 - 30011F	Micom IC. SZM-137M3	D
RW902	-	-	2011 - 000861	R-Network 472X3	E
Q904	-	-	0504 - 000123	TR. KSR1010	E
Q905	-	-	0504 - 000123	TR. KSR1010	E
Q906	-	-	0504 - 000123	TR. KSR1010	E
J184	30509-410-116	Jumper	-	-	F
J189	30509-410-116	Jumper	-	-	F
J186	30509-410-116	Jumper	-	-	F
J278	-	-	30509-410-116	Jumper	E
C918	2201 - 000651	CH. 68 pF	2201 - 000193	CH. 10 pF	D
C908	2201 - 000600	SL. 560 pF	2201 - 000573	CM. 47 pF	D
R944	2001 - 000563	1/8T 27K	31018-177-683	1/8T 68K	D
CU01	2401 - 001495	16V 47uF	2306 - 000122	Poly 104	D
CU02	2306 - 000122	Poly 104	2401 - 001495	16V 47 uF	D
RU01	2001 - 000734	1/8T 4.7K	2001 - 000832	1/8T 510 Ohm	D
R908	2001 - 000232	1/8T 1.3K	2001 - 000214	1/8T 1.1K	D
R909	2001 - 000605	1/8T 3.6K	2001 - 000449	1/8T 2.2K	D
R947	30509-410-116	Jumper	2701 - 000189	Coil AL02 0.47 uH	D
R937	2001 - 000290	1/8T 10K	2001 - 000734	1/8T 4.7K	D
C602	2401 - 001667	16V 68uF	2401 - 000947	16V 22 uF	D
Q905(B-E)	-	-	2202 - 000109	C-Ceramic 104 (Soldering between B&E)	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD → Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	OLD Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0048
Model :	CS-5366Z, CB-5073T	**Bulletin Date :**	Nov. 25, 1997
Buyer :	ACS, GCS, ECS	**ECN Date :**	Nov. 20, 1997

SUBJECT : CS-5366, SCT11C & D Chassis, 'M52777SPB' IC applying

Background : The color sensitivity of 'M52777SPA' IC is less than its of 'M52777SPB' IC.
(Symptom)

Cause : Due to cost down and better color sensitivity.

Solution : The circuit including IC201 part has been changed as belows:

Application Date : Jan. 14, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (M52777SPA)		**NEW** (changed) Parts (M52777SPB)		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC201	1204-001132	IC : M52777SPA	1204-001153	IC : M52777SPB	D
C241	2401-002245	C-E: 16V 22uF	2401-000603	C-E: 50V 1uF	D
DZ203	0403-000295	D-Z: MTZ5.1B	3812-000219	Jumper	D
DZ204	0403-000662	D-Z: MTZ3.0B	-	-	F
D206	0401-000005	Diode: 1N4148	-	-	F
R204	2001-001399	R-C: 1/2W 2.2K	-	-	F
Z101	AA95-90012W	Ass'y-SIF : TA8710S	-	-	F
R101	3812-000219	Jumper	-	-	F
RK05	-	-	2001-000281	R-C: 1/8W 100	D
ZK01	-	-	2903-000175	BP: 5.5 / 6.5 MHz	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : January 1997 **Serial No.** (~ from)

Published by S.K. Yang **Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0001
Model :	CK-5341ZR, CK-5081ZR	Bulletin Date :	Jan. 6, 1998
Buyer :	SMSC, SUSC, SALSC, ECS	ECN Date :	Dec. 20, 1997

SUBJECT : SCT11E chassis, 'TV Sound problem after recording'

Background : It is occurred the sound volume reducing phenomenon when the TV broadcasting replays with VCR after recording it.
(Symptom)

Cause : It is caused by the impedance unmatching of 'Audio/Video' input part According to deleting 'Sound Buffer' circuit when chassis changes.

Solution : In order to improve the sound volume reducing phenomenon, the circuit 'R704' has been changed as below drawings:

Application Date : Dec. 20, 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
R704	2001-000241	R-Carbon 1/8W 1.5K	2001-000273	R-Carbon 1/8W 100K	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	January 1997	Serial No. (~ from)	
Published by S.K. Yang	Checked by Mr. J.G. Lee	Approved by Mr. Y.B. Ha	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0014
Chassis :	SCT11C,D,E,13A,B	Bulletin Date :	June 19, 1998
Buyer :	SMSC, SUSC, GCS, TSE, SIEL, SAVINA	ECN Date :	June 19, 1998

SUBJECT : Preventive action for 'PL' case

Background :

(Symptom) When the sudden high AC voltage input to the TV set, it is occurred to damage into the 'Varistor' part internally.
It happens arking between both poles of the 'Varistor' part.
And, when the high AC voltage input to the TV set for a long time, the around parts of the 'Varistor' can be occurred the fire (PL case) occasionally.

Cause :

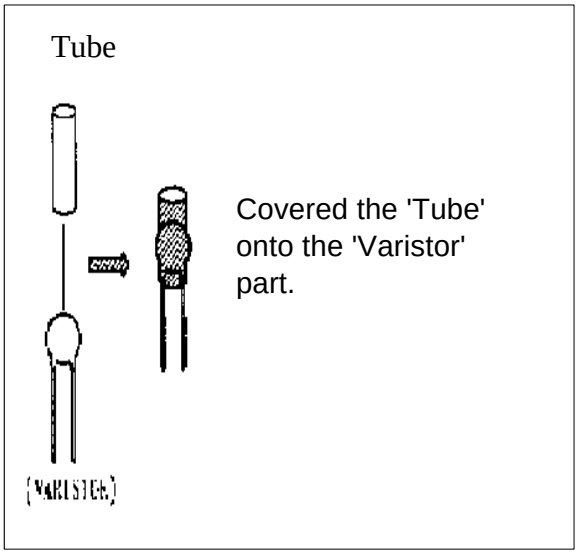
In case that AC-power fluctuations are unsteady, the 'Varistor' part will be damaged.

Solution :

It is covered the 'Tube' onto the 'Varistor' part as drawings.

* Varistor Part (Location no.)

Chassis	Location no.
SCT11C,D,E,13A,B	D800
SCT12A,B,B-1	DZ801
SCT12A (with PIP)	DV801
P68SA / 69SA series	D800
SCT52A,53A,55A	D801M
SCT57A	DV801
SCV11D	DZ801



Application Date : from August 1997

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	1997	Serial No. (~ from)	

Published by S.K. Yang		Approved by Mr. J.G. Lee

¡á Distribution List and Remarks

Bulletin no : 98-CTV-E0014

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SMSC	CIS	
2	SUSC	CIS	
3	SALSC	CIS	
4	GCS	UAE	
5	TSE	Thailand	
6	SIEL	india	
7	SAVINA	Vietnam	
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